## INTERNATIONAL SEARCH REPORT

A. CLASSIF IPC 7	FO4C2/08 F04C18/08 F01C1	/08 F04C2/4C G	PTO 0.7 MAR	
According to	International Patent Classification (IPC) or to both national cla	ssification and IPC		
	SEARCHED			
Minimum do IPC 7	cumentation searched (classification system followed by class FO4C FO1C	libration symbols)		
Documentati	ion searched other than minimum documentation to the extent	that such documents are included in the fields se	sarched	
Electronic de	ata base consulted during the international search (name of da	ala base end, where practical, search terms used	)	
EPO-Int	ternal			
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where appropriate, of t	he relevant passages	Relevant to claim No.	
X	WANKEL FELIX: "Einteilung Der Rotationskolbenmaschinen" EINTEILUNG DER ROTATIONS -KOLBENMASCHINEN. ROTATIONS - KOLBENMASCHINEN MIT PARALLELEN DREHACHSEN UND ARBEITSRAUMUMWANDUNGEN AUS STARREM WERKSTOFF, STUTTGART, DEUTSCHE VERLAG-ANSTALT, DE, 1963, pages 7-59, XP002204164 Capsulisme IV/7		1	
X	GB 1 002 642 A (MONO PUMPS AFF 25 August 1965 (1965-08-25) the whole document 	RICA PTY)		
Furt	l her documents are listed in the continuation of box C.	X Patent family members are listed	I in ennex.	
° Special ca	stepories of cited documents :			
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international		or priority date and not in comilict wilr cited to understand the principle or th invention	*T* later document published after the international filling date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention   *X* document of particular relevance; the claimed invention	
*L* document which may throw doubts on priority claim(s) or		cannol be considered novel or canno involve an inventive step when the di "Y" document of particular relevance; the cannot be considered to twolve an ir	cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-	
other means "P" document published prior to the international filing date but tater than the priority date claimed		ments, such combination being obvious in the art.	ments, such combination being obvious to a parson skilled	
Date of the actual completion of the international search			Date of mailing of the international search report	
19 January 2004		26/01/2004		
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentiaan 2		Authorized officer	Authorized officer	
NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Dimitroulas, P	Dimitroulas, P	

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## INTERNATIONAL SEARCH REPORT Intertional Application No p3/02642 Patent document cited in search report Patent family member(s) Publication date date GB 1002642 Ά 25-08-1965 NONE

Form PCT/ISA/210 (patent family onnex) (July 1992)

DE, DK, DM, DZ, BC, EB, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) États désignés (régional): brevet ARIPO (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), brevet eurasien (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), brevet européen (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,

TR), brevet OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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- avec rapport de recherche internationale
- avant l'expiration du délai prévu pour la modification des revendications, sera republiée si des modifications sont reçues

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en ces points situés sur la tangente (T) commune aux deux cercles primitifs (6, 7), sont osculateurs avec un centre de courbure commun situé au point de roulement (R) des cercles primitifs (6, 7). Utilisation pour rendre très progressive la formation et la disporition des capsules et faciliter la distribution des capsules lorsqu'elles naissent et disparaissent, augmenter les trajets de fuite.

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